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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/14499

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F01D5/28 F01D25/00 F01D5/30 B23P15/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F01D B23P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 403 153 A (GOETZE RAYMOND H) 4 April 1995 (1995-04-04)	1-6,8-11
A	column 1, line 26,65,66 -column 2, line 6-16,38-44,66; figures 1-4 column 3, line 7-14,35-55; figures 1-4	7
Y	US 4 285 634 A (ROSSMAN AXEL ET AL) 25 August 1981 (1981-08-25)	1-6,8-11
A	column 1, line 30-62; figure 1	7
Y	FR 57 426 E (BOLSEZIAN GEORGES) 28 January 1953 (1953-01-28)	1-6,8-11
A	column 3; figures 1-8	7
Y	US 4 247 259 A (SABOE MICHAEL S ET AL) 27 January 1981 (1981-01-27)	1-6,8-11
	column 3, line 30-40; figures 1-3	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

28 April 2003

Date of mailing of the international search report

12/05/2003

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Intern. 1st Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 5 743 713 A (HATTORI MITSURU ET AL) 28 April 1998 (1998-04-28) column 1, line 50-65 -column 2, line 1-17; figure 3 column 3, line 50-55 ---	1-6,8-11
A	EP 0 980 961 A (HITACHI LTD) 23 February 2000 (2000-02-23) abstract; figure 8 ---	1,11
A	GB 993 412 A (LAPORTE ACIDS LTD) 26 May 1965 (1965-05-26) column 5, line 27-25 -----	1,11

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